SMITH® JAY R. SMITH MFG. CO.®
DIVISION OF SMITH INDUSTRIES, INC.
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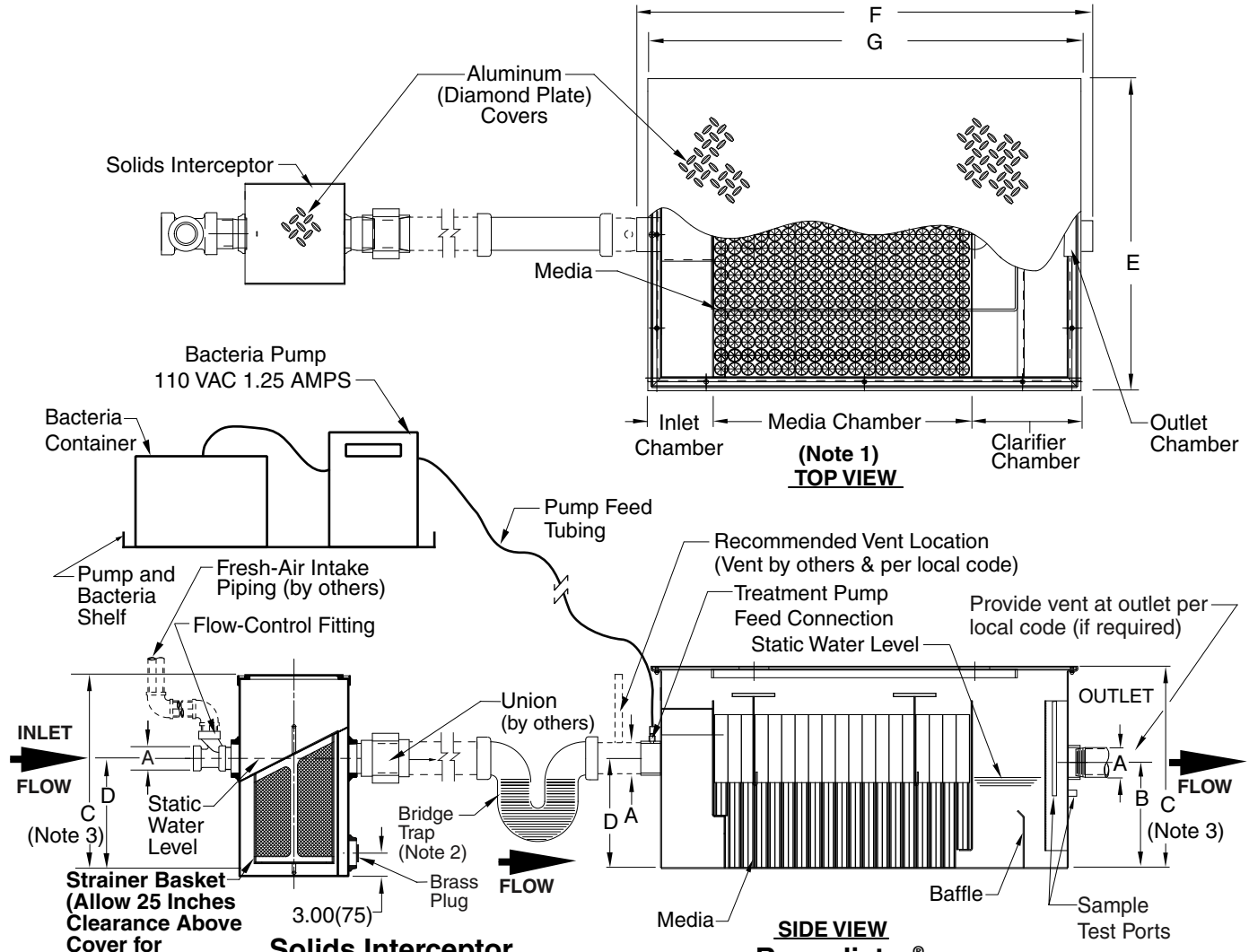
CUSTOMER DRIVEN
MEMBER OF:

LOCATION

# REMEDIATOR® GREASE TREATMENT SYSTEM

**FUNCTION:** The Smith Remediator® is designed to be installed in the drainage plumbing of commercial and institutional kitchen facilities for the purpose of intercepting, separating, retaining and biologically disposing of grease, oil and other organic and inorganic material, not including human waste, contained in effluent of such facilities.




| | PART NO. | GPM | A | B | C | D | E | F | G | No. of Sections per media |
|---|---|---|---|---|---|---|---|---|---|---|
| △ ▲ * | 8970-20 | 20 | 02" (50) | 12 (305) | 21 5/16 (541) | 12 1/2 (320) | 14 7/8 (378) | 44 1/8 (1120) | 42 1/8 (1070) | 1 |
| △ ▲ * | 8970-35 | 35 | 02" (50) | 12 (305) | 21 5/16 (541) | 12 1/2 (320) | 24 7/16 (621) | 52 13/64 (1326) | 49 3/4 (1265) | 1 |
| △ ▲ * | 8970-50 | 50 | 03" (75) | 12 1/2 (320) | 21 5/16 (541) | 13 (330) | 30 1/2 (775) | 52 13/64 (1326) | 49 3/4 (1265) | 3 |
| | 8970-75 | 75 | 03" (75) | 12 1/2 (320) | 21 5/16 (541) | 13 (330) | 35 1/2 (900) | 52 13/64 (1326) | 49 3/4 (1265) | 3 |

**NOTE 1: The 8970-50 and 8970-75 Media is Divided into Multiple Sections - See Chart Above.**
**NOTE 2: Bridge Trap Only Available in 02" and 03" Sizes. 04" Not Available.**
**NOTE 3: "C" Dimension can be increased if required up to a maximum of 35.00"(889).**

* P.D.I. Certification to PDI-G101.
▲ IAPMO Listed. File No. 3782
△ NES listed PCR GI 101.012

**REGULARLY FURNISHED:**
Stainless Steel Pretreatment Unit with Media and Biological Treatment Pump with Preset Timer. Stainless Steel Solids Interceptor with Aluminum (Diamond Plate) Cover, Cast Iron Bridge Trap and Cast Iron Flow-Control Fitting.

**NOTE:** Dimensions shown in parentheses are in millimeters.

**PROTECTED UNDER PATENT NO. 6,916,421**

| REV. | DATE | DESCRIPTION | BY | CKD. BY |
|---|---|---|---|---|
| AA | 04/05/10 | Changed Decimals to Fractions | JJ | AM |
| Z | 07/25/05 | Added Patent Number | JJ | SW |
| Y | 3-30-05 | Revised Drawing | TBW | CL |

WEIGHT POUNDS

VOLUME CUBIC FEET

FIGURE NUMBER **8970**

FIGURE NUMBER: 8970
DRAWN BY: EMB
CHECKED BY: WAS
APPROVED BY: SB
DATE: 6-25-96
SCALE: NONE
SIZE: A
DRAWING NUMBER: S8970
AA

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# INTERCEPTING PRETREATMENT UNIT REMEDIATOR®

## INSTALLATION PROCEDURES

**PLACEMENT:** The Remediator® may be installed with either a right or left inlet by simply reversing the orientation of the unit. In determining the location of the unit relative to the piping layout at the site, observe the following:

1. The Remediator® should be installed at the closest available location downstream of the last contributing fixture before intersection with any blackwater piping.

2. That location in the piping layout which satisfies Item (1), should provide reasonable access for inspection and service as well as access to the solids strainer for ease of solids removal.

3. Provision for routing air to the air-injecting 8000 series flow control is mandatory and shall be accomplished per the requirements of the applicable Local Plumbing Code. (The Jay R. Smith Mfg. 8000 Series Flow Control Fitting with the appropriate orifice size is included in the Remediator® package). Normal venting in compliance with Local Plumbing Codes is sufficient for average installations.

4. The bridge trap furnished with the system must be installed to ensure proper functioning of the system.

**PLUMBING:** THE ORDER OF FLOW IS: (LAST CONTRIBUTING FIXT.) → (FLOW CONTROL) → (SOLIDS INTERCEPTOR) → (TRAP) → (VENT) → (REMEDIATOR®) NO DEVIATION FROM THIS ORDER IS PERMISSIBLE.

Standard PVC piping is suitable to connect the unit, utilizing conventional fittings or "no-hub" adapters at the inlet and outlet of the unit itself.

1. Place the unit on a hard level surface. Check with local *Certified Installer* or *Health Authorities* regarding raising or sealing at the base of the unit. In the event raising is required, the unit is structurally designed to allow supports to be placed at both ends of the unit. (Such supports should be of suitable strength and material.)

2. Place the air injecting flow control as close to the last contributing fixture as possible. For purposes of convenience, the solids strainer may be placed a reasonable distance from the flow control.

| REV. | DATE | DESCRIPTION | BY | CKD. BY |
|---|---|---|---|---|
| D | 02-16-00 | Revised Text | JJ | |
| C | 04-30-99 | Revised | CMD | BS |
| B | 05-02-97 | Chg'd #3, PLBG NOTE, #2 | CMD | BS |
| A | 12-02-96 | Chg'd Title | EMB | BS |

WEIGHT POUNDS | VOLUME CUBIC FEET | FIGURE NUMBER 8970BS

D | DRAWING NUMBER 8970BS | SIZE A | SCALE: NONE | DATE: 10-11-96 | APPROVED BY: SB | CHECKED BY: SLB | DRAWN BY: CMD | 8970BS | FIGURE NUMBER